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Date: February 1, 2010

Patent 0-06-112 - 16290/US/03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: Bar-Yaakov et al.  
Serial no.: 10/580,661  
I.A. Filed: December 2, 2004  
Title: FLAME RETARDANT ADDITIVE OF FLUOROPOLYMERS  
IN FLAME RETARDANTS  
Examiner: Nicole M. Buie  
Art Unit: 1796  
Confirmation: 5008

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Madam:

Amendment and Response

This response is in reply to the office action mailed on December 29, 2009.

Amendments

1. Please amend the claims as shown on the attached pages.  
The term "fluoropolymer powder", replacing the term "solid fluoropolymer" is supported in paragraph 0023 of the application publication.  
Newly added dependent claims 37 and 38 cover preferred flame retardants selected, respectively, from claims 6 and 27.

Claims Rejection – 35 USC § 112

2. Claims 1-4, 6-13, 25 and 27-31 are rejected as failing to comply with the written description requirement. It is stated that there is no description in the specification of a solid fluoropolymer being evenly dispersed in a flame retardant.  
The Examiner's attention is directed to paragraphs 0015 to 0020 of the application publication. Par. 0015 explains the problems of prior art, including PTFE inhomogeneity and its segregating from dry blended mixtures; in this context, par. 0016 emphasizes the importance of the composition uniformity. Paragraphs 0017, 0020, and 0023 relate to the features of the instant invention, namely to the fluoropolymer being evenly dispersed in the flame retardant. For example, lines 1-7 of paragraph 0023 reads: